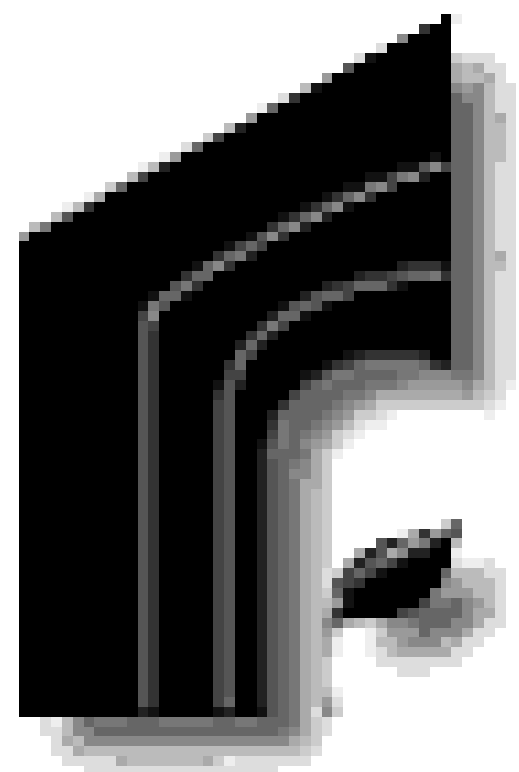


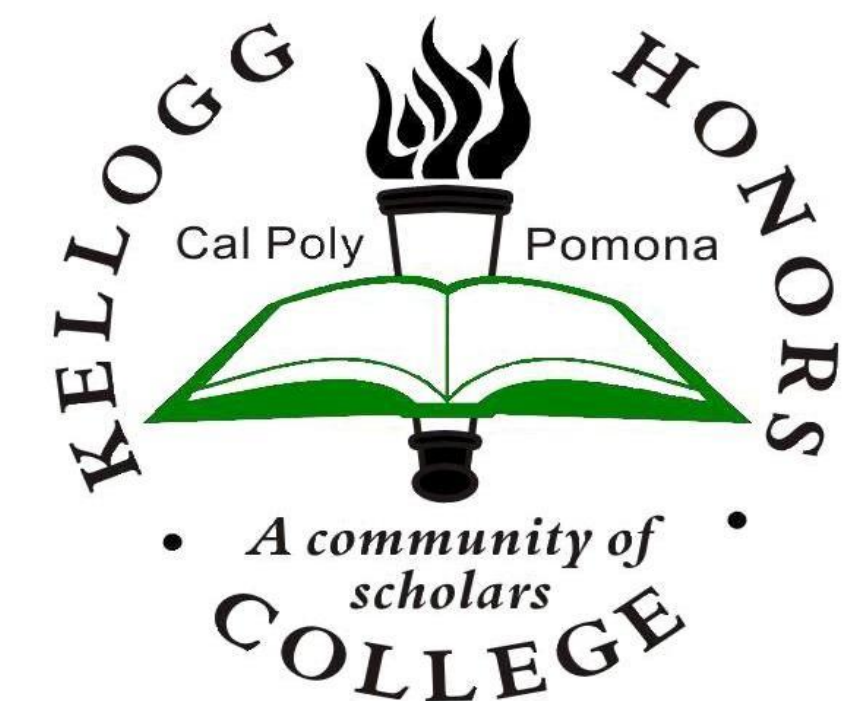
A Look Into How Supply Chain Majors Are Doing Now



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Kellogg Honors College Capstone Project



Background

Cal Poly Pomona offers the supply chain management track through three different majors:

- Industrial and Manufacturing Engineering
- Technology and Operations Management
- e-Business

Each of these majors are quite different, with the Industrial and Manufacturing majors focusing more on the design aspect while Technology and Operations Management/e-Business focusing more on the business aspect.

Purpose

The purpose of this research project is to discover which of the three majors with a supply chain track has alumni with the highest average salary, benefits, and satisfaction level. In addition, analyses were conducted to examine if there are any correlation between current income and any other possible factors. This project will help make suggestions to the departments' curriculum that will better prepare Cal Poly Pomona's students for the workforce.

Method

To better understand our alumni in the supply chain field, a survey was prepared through Google Forms and sent out through the university's alumni association with questions regarding their demographics, school activities, certificates, career, and suggestions. Responses from 148 alumni were recorded and analyzed with Tableau.

Survey Contents

The survey consisted of 25 questions, with four different sections. The survey's sections are:

- **General:** Demographics
- **Time at Cal Poly Pomona:** Certificates, Club, Leadership, etc.
- **Career:** Income, Benefits, Industry, Position, etc.
- **Future:** Satisfaction levels, Suggestions

The survey takers were also given the option to receive the report's results afterwards.

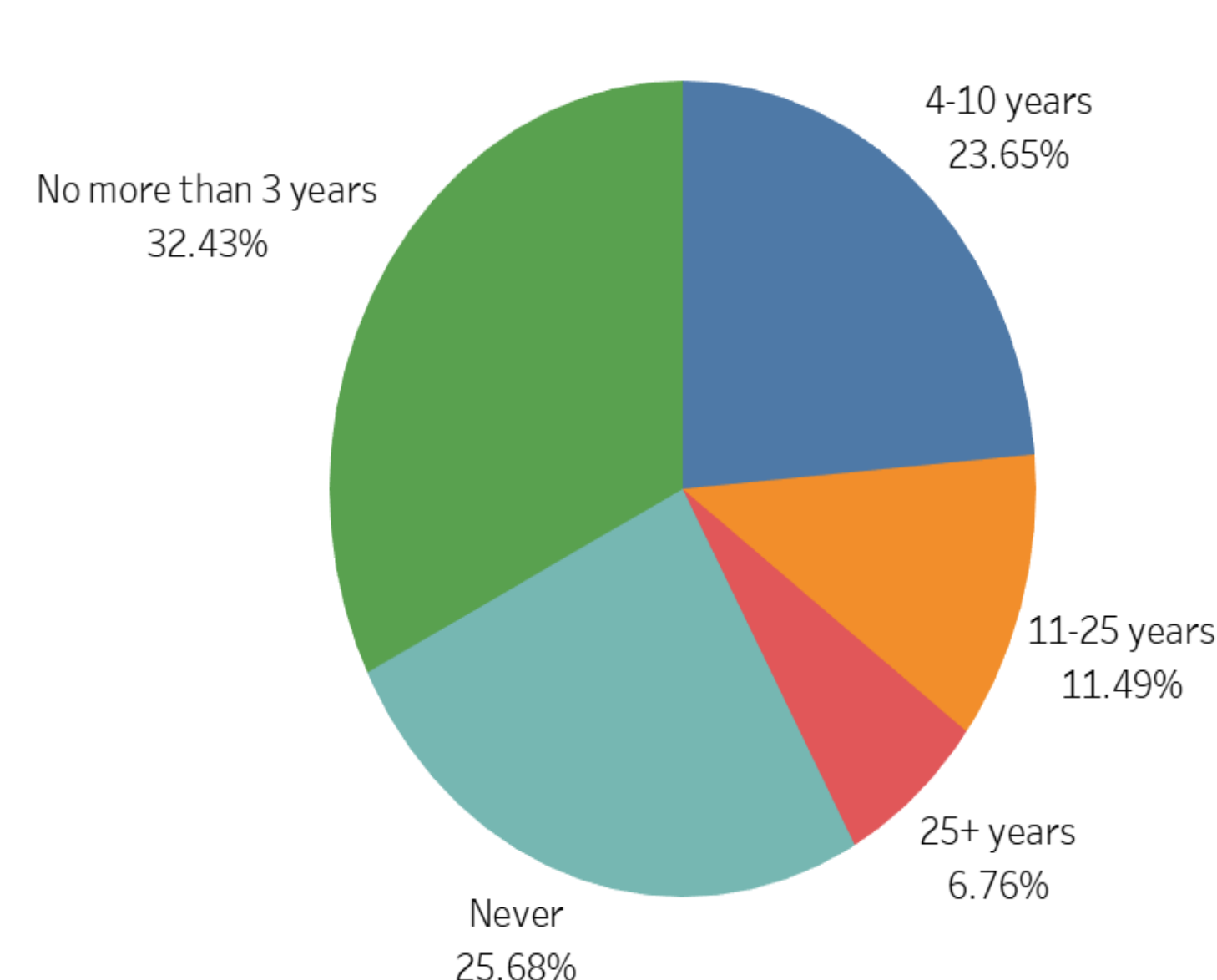
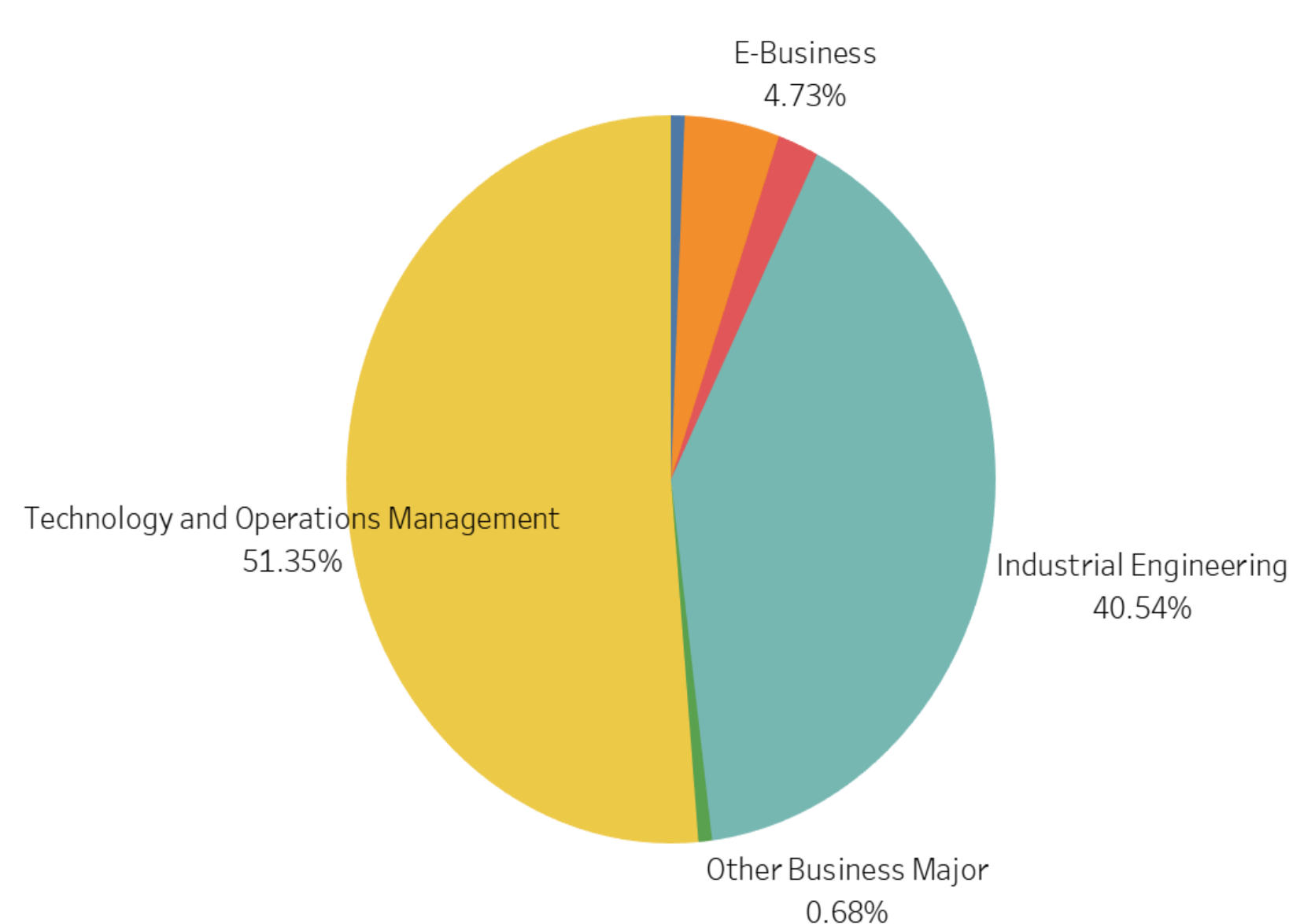
Backgrounds of Survey Takers

Most responders are from the following majors (in decreasing order):

- Technology and Operations Management
- Industrial and Manufacturing Engineering
- e-Business
- Other Business Majors

Most responders have the following number years of experience (in decreasing order):

- No more than 3 years
- Never
- 4-10 years

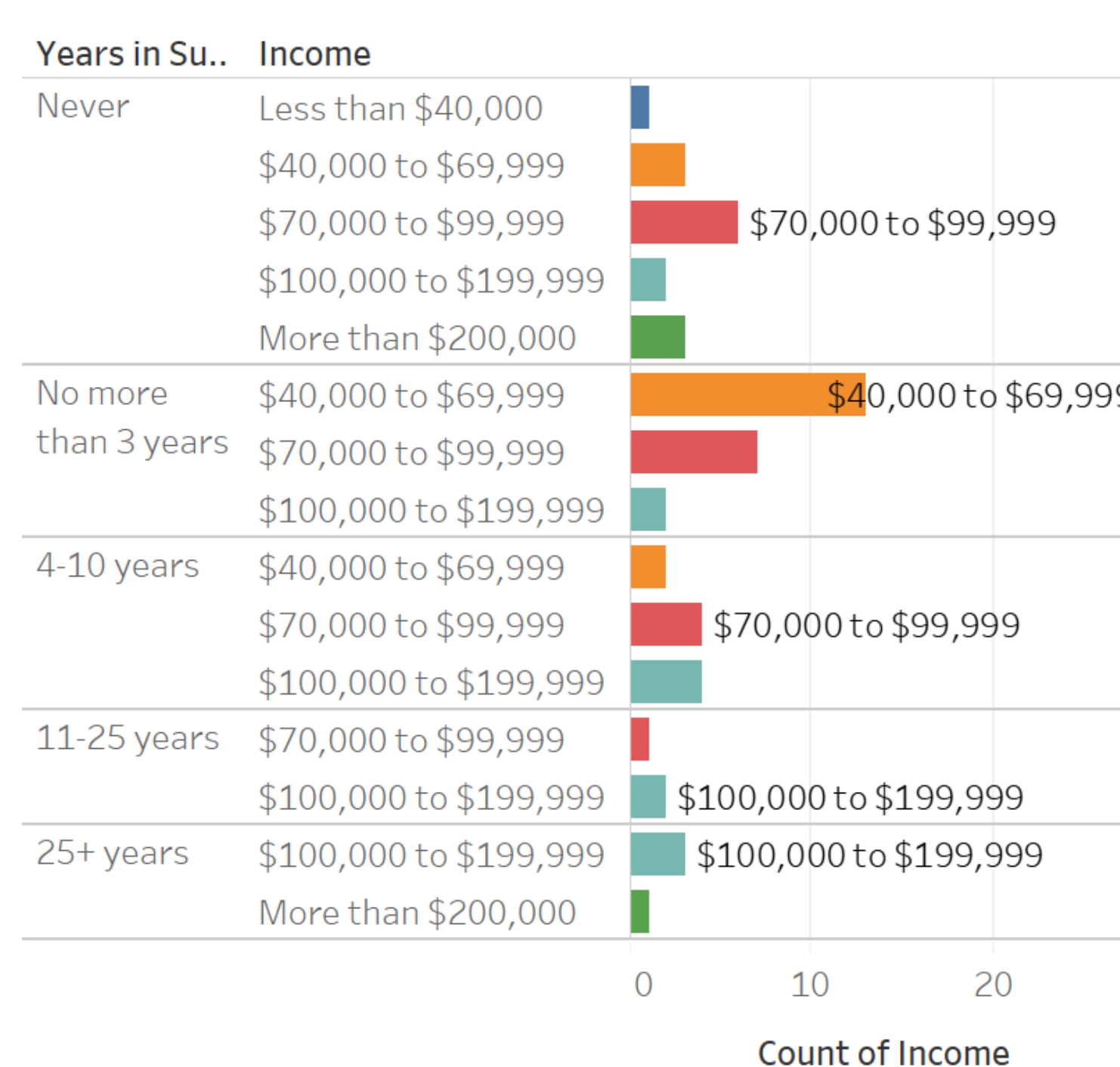


Salaries Based on Years of Experience

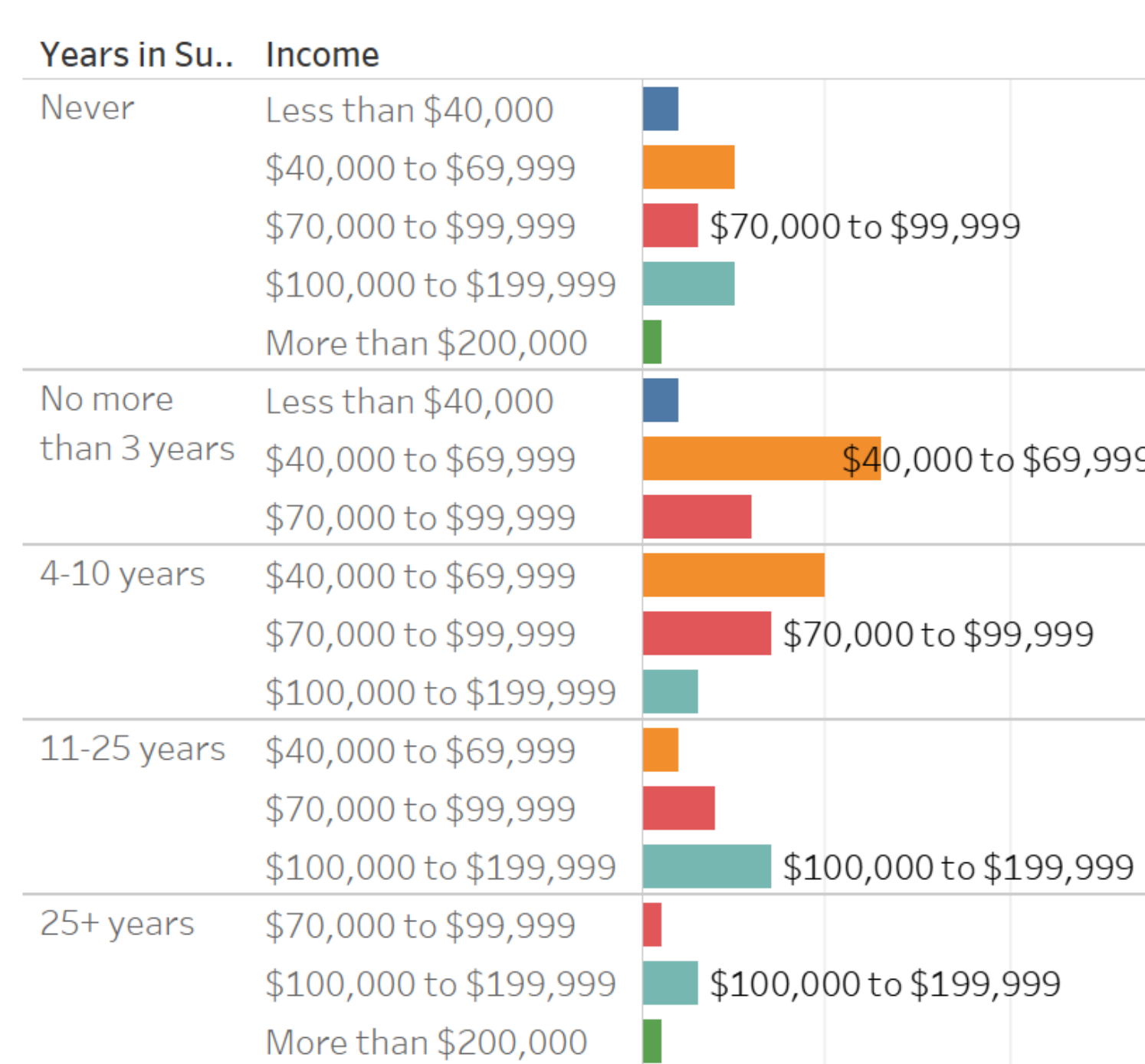
Industrial and Manufacturing and Technology and Operations Management alumni have similar salaries based on their years of experience. In both, those with the following years of experience have the following median salaries:

- Never: \$70,000-\$99,999
- No more than 3 years: \$40,000-\$69,999
- 4-10 years: \$70,000-\$99,999
- 11-25 years: \$100,000-\$199,999
- 25+ years: \$100,000-\$199,999

IME Income Based on Experience



TOM Income Based on Experience



Satisfaction

IME alumni are more satisfied with the supply chain field than TOM alumni. IME's median satisfaction rating is a 5 while TOM's median satisfaction rating is a 4 (on a scale from 1-5, with 1 being very unsatisfied and 5 being very satisfied).

IME and TOM alumni similarly rate Cal Poly Pomona's ability in helping them find jobs after college. IME and TOM's median rating is a 4.

IME and TOM alumni similarly rate their satisfaction with their employment. IME and TOM's median rating is a 4.

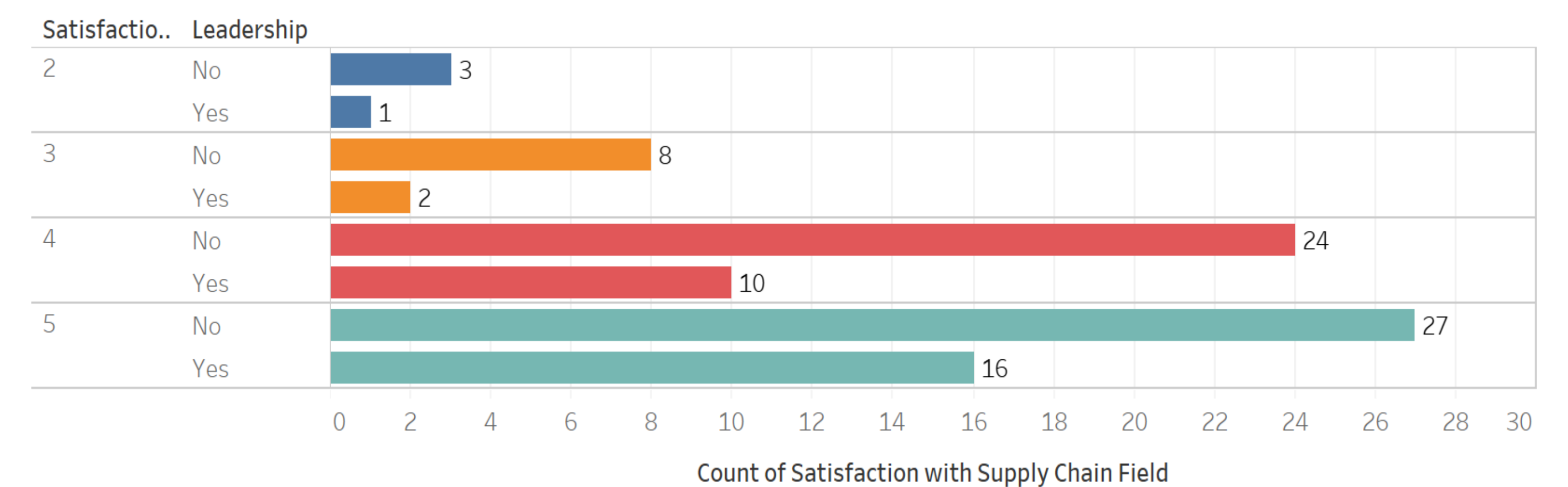
Satisfaction with Supply Chain (IME) Satisfaction with Supply Chain (TOM)



Leadership

Those with leadership experience in college seem to be more satisfied with the supply chain field:

Leadership experience median rating: 5
No leadership experience median rating: 4

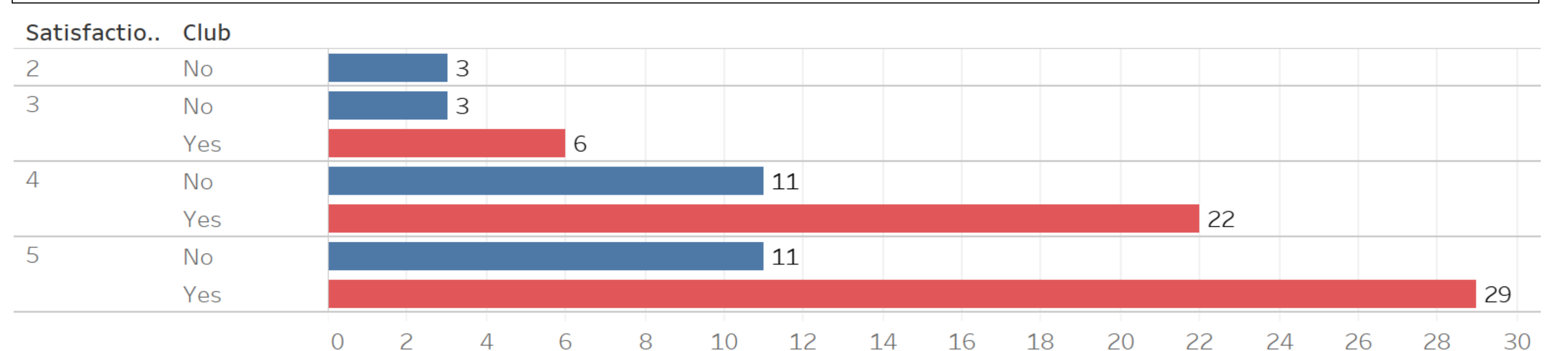


Possible Contributions to Satisfaction with Supply Chain Field

Those who have completed internships and those who have not completed internships both have a median satisfaction rating of a 4.

Those who earned experience in the supply chain field during their time in college and those who had not earned experience both have a median satisfaction rating of a 4.

Those who have joined a club during college and those who have not joined a club both have a median satisfaction rating of a 4.



Recommendations from Alumni

The majority of alumni recommend current students to learn the following software/programming languages:

- Data Management (SQL)
- Statistical Software/Language (R, SAS, etc.)
- Data Visualization Software (Tableau, etc.)

